



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	101 648, 687	
	Filing Date	8-25-03	
	First Named Inventor	Robert Sigurd Nelson	
	Art Unit	2878	
	Examiner Name		
Total Number of Pages in This Submission	3	Attorney Docket Number	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Robert Sigurd Nelson	
Signature	Robert Sigurd Nelson	
Date	1-30-2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Robert Sigurd Nelson	
Signature	Robert Sigurd Nelson	Date 1-30-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Applicants: Robert Sigurd Nelson, William Bert Nelson.

App No.: 10/648,687

Filing Date: August 25, 2003.

Examiner:

Art Unit: 2878.

Title: DEVICE AND SYSTEM FOR ENHANCED SPECT, PET, AND
COMPTON SCATTER IMAGING IN NUCLEAR MEDICINE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sirs,

Please find enclosed an INFORMATION DISCLOSURE STATEMENT BY APPLICANT
for APPL NO. 10/648,687 filed on 8-25-2003 and assigned to Art Unit 2878..

1. I wish to cite (incorporate) a prior patent of which I am the sole inventor:

Patent No. 5,258,145 (issued: 11-02-1993) "Method for manufacturing a high resolution structured x-ray detector". Relevant Figures (3, 4, 5, 9, 10, 11 on page 2) and Passages (Col. 1 lines 63-68; Col. 2 lines 20-56) are representative of this approach to manufacturing high resolution scintillator arrays. This patent describes techniques for manufacturing 1-D and 2-D scintillator arrays which can then be used "edge-on" (as detailed in the already cited Patent No. 4,560,882 "High-efficiency x-radiation converters") for scintillator-based edge-on gamma cameras for SPECT, PET, and Compton gamma cameras. As noted in the application, 2-D edge-on detectors (semiconductor or scintillator) can provide depth of interaction information particularly useful for PET and Compton scatter imaging.

2. I have not included a penalty fee for this disclosure since I am unaware of an office action assigning the application to an examiner.

If there are questions I can be contacted by email (rnelson@mail.sdsu.edu) or by phone (619-594-1013).

Sincerely,



Robert Sigurd Nelson

January 30, 2004
Date

Robert Sigurd Nelson
2922 Upshur Street
San Diego, California 92106



William Bert Nelson

1-26-04
Date

William Bert Nelson
75 Mound Ave.
Excelsior, MN 55331-8570

(1-30-2004)

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/648,687
Filing Date	8-25-2003
First Named Inventor	Robert Sigurd Nelson
Art Unit	2878
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP¹ 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.